



SEQUENCE LISTING

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Sherrill, Christopher
Ptacin, Jerod

<120> SOLID SUPPORT ASSAY SYSTEMS AND METHODS UTILIZING NON-NATURAL BASES

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<141> 2001-10-15

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<151> 2000-10-14

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10

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<400> 84
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9

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10

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10

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<400> 87
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9

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10

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<400> 93
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<210> 94
 <211> 10
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<222> (9)..(9)

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<400> 94

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<210> 95

<211> 9

<212> DNA

<213> synthetic oligonucleotide

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<222> (8)..(8)

<223> n represents iso-guanine

<400> 95

cngcnagng

9

<210> 96

<211> 10

<212> DNA

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<220>

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<400> 96

cnagcnacgg

10

<210> 97

<211> 10

<212> DNA

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<400> 97
gacangcncc 10

<210> 98
<211> 9
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<400> 98
gggnccgna 9

<210> 99
<211> 10
<212> DNA
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<400> 99
gccagtttaa 10

<210> 100
<211> 10
<212> DNA
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<400> 100
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<210> 101

<211> 10
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<400> 101
 gcnagtttaa 10

<210> 102
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<400> 102
 gycagtttaa 10

<210> 103
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 <212> DNA
 <213> synthetic oligonucleotide

<400> 103
 gyyagtttaa 10

<210> 104
 <211> 155
 <212> DNA
 <213> synthetic oligonucleotide

<400> 104
 agaaacaacc atctaattccc aactaaaaat tcaaggctcc acagacgaaa cagtgaagaa 60
 taattgttca gcataactaac caactgatta catattttacc atactcaggt ttgtgcttca 120
 taaaaaccca ctagtccggc gtcacctgtt agatg 155

<210> 105
 <211> 63
 <212> DNA
 <213> synthetic oligonucleotide

<400> 105
 cttctcccat tgcccagggc actctcctct gtagaagtag actgatcttt tgtggagaca 60
 tca 63

<210> 106
 <211> 68
 <212> DNA
 <213> synthetic oligonucleotide

<400> 106
 agtgcctgct acctgtcagg tgaaaatttc ttagtgatcc ctaagctcaa tgggtgcygg 60
 cttgcagg 68

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<210> 107
<211> 73
<212> DNA
<213> synthetic oligonucleotide

<400> 107
ggttggaatg tttgcacatg cagtgttagt tatttgggct gataactact tagcttatct 60
agcctggtcc agc 73

<210> 108
<211> 81
<212> DNA
<213> synthetic oligonucleotide

<400> 108
ctgatctgac ctcagactgt tgtgctaaca gatataacac cagtaagttg acgtcaaata 60
ctgcaggaag tagagccttg c 81

<210> 109
<211> 90
<212> DNA
<213> synthetic oligonucleotide

<400> 109
gactgctgga gagctgaggg aggctgtgga gaataaggag agagcagtag tctcgtgccc 60
tgccctgccc atactgagca gccaaagacac 90

<210> 110
<211> 97
<212> DNA
<213> synthetic oligonucleotide

<400> 110
ggactgtcca aakggatctc aaggagaata gtccttgcta ttaaggagta taaaggcata 60
aaagaggcca taggggacaa ccatgaccaa gaagttg 97

<210> 111
<211> 108
<212> DNA
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<400> 111
ccttcctgca ytccacagta taaacacaga atgcacactg caggctcgtt tatttgtgtt 60
cgatgtgaat taaagatgct ttggctaagc caggagatga taatactg 108

<210> 112
<211> 130
<212> DNA
<213> synthetic oligonucleotide

<400> 112
cacatacacc atgtcagcca tcagcgcaaa gccttcgagt ttcagctgtg agatgaaggc 60
ttggagaagc acgttgatct gcaaagaagc aaaggagcta gcggaggcct ggtcactgac 120
cgactgctca 130

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<210> 113
<211> 18
<212> DNA
<213> synthetic oligonucleotide

<400> 113
catctaacag ggagcgcc 18

<210> 114
<211> 23
<212> DNA
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<220>
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<223> n represents deoxythymidylate labeled with 6-carboxyfluorescein
(6-FAM)

<400> 114
ngaaacaacc atctaattccc aca 23

<210> 115
<211> 18
<212> DNA
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(6-FAM)

<400> 115
nttctcccat tgcccagg 18

<210> 116
<211> 23
<212> DNA
<213> synthetic oligonucleotide

<400> 116
tgatgtctcc acaaagatca gtc 23

<210> 117
<211> 19
<212> DNA
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<400> 117
agtgcctgct acctgtcag 19

<210> 118
<211> 16
<212> DNA
<213> synthetic oligonucleotide

<220>
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<222> (1)..(1)
<223> n represents deoxythymidylate labeled with 6-carboxyfluorescein
      (6-FAM)

<400> 118
nctgcaagcc agcacc                                     16

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<211> 21
<212> DNA
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<220>
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<223> n represents deoxythymidylate labeled with 6-carboxyfluorescein
      (6-FAM)

<400> 119
ngttggaatg tttgcacatg c                               21

<210> 120
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<400> 120
gctggaccag gctagataag c                               21

<210> 121
<211> 22
<212> DNA
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      (6-FAM)

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ntgatctgac ctcagactgt tg                             22

<210> 122
<211> 19
<212> DNA
<213> synthetic oligonucleotide

<400> 122
gcaaggctct acttctctgc                                19

<210> 123
<211> 19
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<220>
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<223> n represents deoxythymidylate labeled with 6-carboxyfluorescein
(6-FAM)

<400> 123
nactgctgga gagctgagg 19

<210> 124
<211> 21
<212> DNA
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<400> 124
gtgtcttggc tgctcagtat g 21

<210> 125
<211> 20
<212> DNA
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(6-FAM)

<400> 125
ngactgtcca aagggatctc 20

<210> 126
<211> 22
<212> DNA
<213> synthetic oligonucleotide

<400> 126
caacttcottg gtcattggtg tc 22

<210> 127
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opyl)-phosphoramidit

<400> 127
nccttcctgc aytccacag 19

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(6-FAM)

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<210> 129
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(6-FAM)

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nacatacacc atgtcagcc 19

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<211> 17
<212> DNA
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<400> 130
tgagcagtcg gtcagtg 17

<210> 131
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<212> DNA
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<400> 131
gtgyacaygc gcttcataca aacccac 27

<210> 132
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<400> 132
cgaytctgyc gcttcataca aacccat 27

<210> 133
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<400> 133
ctaycaaycc cactctcctc tgtagaa 27

<210> 134
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gagaycyaag cactctcctc tgtagag 27

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<400> 135
gttcytagyg gaaaatttct tagtgatcct 30

<210> 136
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gcytayctac aaaatttctt agtgatccc 29

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gttaycytcc agtgtagtt atttgggt 28

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<400> 138
cacyatacyg gtgtagtta tttgggc 27

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<400> 140
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gycgtayttg agaataagga gagagca 27

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gtytatyccg gaataaggag agagcg 26

<210> 143
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gacayacytc agaatagtcc ttgctattaa 30

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ggaayaacyg agaatagtcc ttgctattag 30

<210> 145
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<400> 145
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<210> 146
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gtyatytgcg gaatgcacac tgcg 24

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<400> 147
gatygtcyyg gctagcggag gcc 23

<210> 148
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<400> 148
ggyctyatgg gctagcggag gct 23

<210> 149
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cttctcccat tgcccagggc actctcctct gtagartaga ctgatytttg tggagacatc 60

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a

61

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35

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<400> 151
 ctaycaaycc cactctcctc tgtagaa

27

<210> 152
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 <212> DNA
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<400> 152
 gagaycyaag cactctcctc tgtagag

27

<210> 153
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<400> 153
 yatcyctygc yg

12

<210> 154
 <211> 18
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<213> synthetic oligonucleotide

<400> 154

agaacccttt cctcttcc

18

<210> 155

<211> 47

<212> DNA

<213> synthetic oligonucleotide

<400> 155

aagaaccctt tcctcttccg atgcaggata cttaacaata aatattt

47

<210> 156

<211> 39

<212> DNA

<213> synthetic oligonucleotide

<400> 156

gcagacagga yaaatattta ttgttaagta tcctgcatc

39